

I CLAIM:

1. An alarm system deployable from the cigarette lighter socket of a motor vehicle and conformed to sense motions imparted to said vehicle in the course of an intrusion and to issue an alarm signal to a remote paging unit, comprising:
a flexible beam structure deployable in cantilever from said lighter socket and including a magnetic portion adjacent said lighter socket; and
an electrical assembly secured to the free end of said beam structure and including a tank circuit means deployed in inductive proximity with said magnet to sense the movement of said electrical assembly relative said magnet, said electrical assembly further including a remote sending unit operatively connected to said tank circuit means for issuing said alarm signal upon the exceedance of said movement above a selected level.

2. Apparatus according to Claim 1, wherein:

said movement of said electrical assembly includes at least a bending mode and a torsional mode each of a fundamental frequency different from the other; and
said tank circuit means includes individual tank circuits each conformed to sense a the exceedance of the amplitudes of the respective one of said fundamental frequencies of each said modes.

3. Apparatus according to Claim 2, further comprising:

logic means interposed between said tank circuit means and said remote sending unit for logically combining the exceedances sensed by said individual tank circuits.

4. Apparatus according to Claim 3, wherein:

said logic means is conformed to combine said exceedances in a logical AND combination.

5. Apparatus according to Claim 3, wherein:

said logic means is conformed to combine said exceedances in a logical OR combination.

6. Apparatus according to Claim 3, wherein:

said logic means is conformed to combine said exceedances in a logical AND and a logical OR combination.

7. Apparatus according to Claim 6, further comprising:

a manually operable selection switch interposed between said logic means and said remote sending unit for accommodating manual selection of either one of said logical AND or said logical OR combinations.

8. An alarm system deployable for charging from an electrical outlet and conformed to sense motions imparted to a secured container in the course of an intrusion and to issue an alarm signal to a remote paging unit, comprising:

a flexible beam structure deployed in cantilever and including a magnetic portion adjacent one end thereof;

an electrical assembly secured to the other end of said beam structure and including a tank circuit means deployed in inductive proximity with said magnet to sense the movement of said electrical assembly relative said magnet, said electrical assembly further including a remote sending unit operatively connected to said tank circuit means for issuing said alarm signal upon the exceedance of said movement above a selected level; and

electric power storage means connected to said electrical assembly and conformed for connection to said electrical outlet.

9. Apparatus according to Claim 8, wherein:

said movement of said electrical assembly includes at least a bending mode and a torsional mode each of a fundamental frequency different from the other; and

said tank circuit means includes individual tank circuits each conformed to sense a the exceedance of the amplitudes of the respective one of said fundamental frequencies of each said modes.

10. Apparatus according to Claim 9, further comprising:
logic means interposed between said tank circuit means and said remote sending unit for
logically combining the exceedances sensed by said individual tank circuits.

11. Apparatus according to Claim 10, wherein:
said logic means is conformed to combine said exceedances in a logical AND combination.

12. Apparatus according to Claim 10, wherein:
said logic means is conformed to combine said exceedances in a logical OR combination.

13. Apparatus according to Claim 10, wherein:
said logic means is conformed to combine said exceedances in a logical AND and a logical
OR combination.

14. Apparatus according to Claim 13, further comprising:
a manually operable selection switch interposed between said logic means and said remote
sending unit for accommodating manual selection of either one of said logical
AND or said logical OR combinations.

15. Apparatus according to Claim 1, wherein:
said magnetic portion includes an electromagnet.

16. Apparatus according to Claim 8, wherein:
said magnetic portion includes an electromagnet.